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BFB		5,223,568	6/29/93	Landi et al.	524	571	9/9/89	
BFB		5,272,017	12/21/93	Swathirajan et al.	429	33	4/3/92	
BFB		6,248,467 B1	6/19/01	Wilson et al.	429	39	7/23/99	
BFB		6,251,308 B1	6/26/01	Butler	252	511	3/16/00	
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		4,572,813	02/25/1986	Arakaw	<b>'8</b>	264	29.2	RECEIVED WEXT TOO
		4,663,230	05/05/1987	Tennen	t	428	367	US EIVE
		5,024,818	06/18/1991	Tibbetts	s et al.	422	158	, X 2003
		5,165,909	11/24/1992	Tennen	t et al.	423	447.3	1700
		5,591,382	01/07/1997	Nahass	et al.	252	511	
		5,591,832	01/07/1997	Koshiji	ma et al.	530	500	
		5,830,326	11/03/1998	Iijima		204	173	
		5,904,797	05/18/1999	Kwei		156	307.3	
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BFB	EP 0297888 /	04-01-1989	European				; <del></del>	
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<b>-8</b>		5,194,307	03/16/1993	Gardesl	d	428	40		
		5,629,098	05/13/1997	Poutass	e et al.	428	626		
		6,132,851	10/17/2000	Poutass	<b>e</b>	428	209		
B		6,281,275 B1	08/28/2001	Sanduja	et al.	524	401		
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BFB	3,012,086	12-5-61	N.P. VAHLDIECK	136	86	RECEIVE
1	3,134,696	5-26-64	DOUGLAS ET AL.	136	86	AY 3 0 7003
	3,188,242	6-8-65	KORDESCH ET AL.	136	000	ROUP 1700
	3,497,389	2-24-70	BERGER ET AL.	136	86	
	4,098,967	7-4-78	BIDDICK ET AL.	429	210	
	4,175,165	11-20-79	ADLHART	429	30	
	4,265,727	5-5-81	BECKLEY	204	242	
	4,545,926	10-8-85	FOUTS, JR. ET AL.	252	511	
	4,575,432	3-11-86	LIN ET AL.	252	511	
	4,610,808	9-9-86	KLEINER	252	512	
BEB	4,824,871	4-25-89	SHINOMURA	521	53	
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BFB	WO 03/009408 A1	1-30-03	WORLD			
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FB	4,885,457	12-5-89	ΑÜ		219	548	<u></u>		
1	4,938,833	7-3-90	KAUF	MAN ET AL.	156	309.6	AY 3 0	CEIV	
	4,988,583	1-29-91	WATK	INS ET AL.	429	30	AY 3 0	2003	
	5,183,594	2-2-93	YOSH	INAKA ET AL.	252	518	OUP	1700	
	5,352,289	10-4-94	WEAV	ER ET AL.	106	476			
	5,468,574	11-21-95	EHRE	NBERG ET AL.	429	33			
	5,475,048	12-12-95	JAMIS	SON ET AL.	524	439			
	5,521,018	5-28-96	WILK	INSON ET AL.	42	26			
	5,578,388	11-26-96	FAITA	ET AL.	429	30			
,	5,679,482	10-21-97	EHRE	NBERG ET AL.	429	249		<u> </u>	
PB	5,677,074	10-14-97	SERPI	CO ET AL.	429	43			
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5,728,283	3-17-98	REUTI	ER ET AL.	204	499	Arz	EIVE
5,798,188	8-25-98	мико	HYAMA ET AL.	429	34	Pro .	003
5,952,118	9-14-99	LEDJE	FF ET AL.	429	32	//	<u>00                                   </u>
6,146,780	11-14-00	CISAR	ET AL.	429	34		
6,261,710 B1	7-17-01	MARL	ANOWSKI	429	34		
6,372,376 B1	4-16-02	FRON	K ET AL.	429	41		
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